OWNER'S MANUAL

REMOTE CONTROLLER

Please read carefully and thoroughly this manual before operating this unit and save it in a safe place for future reference.

CS306-R71A

Warning

1. Be sure there are no barriers between the remote controller and the receiver of indoor unit otherwise the air conditioner will not work.
2. Keep the Remote Controller away from all liquids.
3. Protect the Remote Controller from high temperatures and exposure to radiation.
4. Keep the indoor receiver out of direct sunlight or the Air Conditioner may malfunction.
5. Keep controller away from EMI (Electro-Magnetic Interference) supplied by other household appliances.

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Remote Controller Specifications

Model	R71A/E
Rated Voltage	3.0V
Lowest Voltage of CPU Emitting Signal	2.0V
Reaching Distance	8m (when using 3.0 voltage, it Gets 11m)
Environment Temperature Range	-5℃~60℃

Performance Features

1. Operating Mode: COOL、HEAT、DRY、FAN only and AUTO .
2. Timer Setting Function in 24 hours.
3. Indoor Setting Temperature Range : 17℃~30℃.
4. LCD (Liquid Crystal Display) of functions.

Introduction of Function Buttons on the Remote Controller

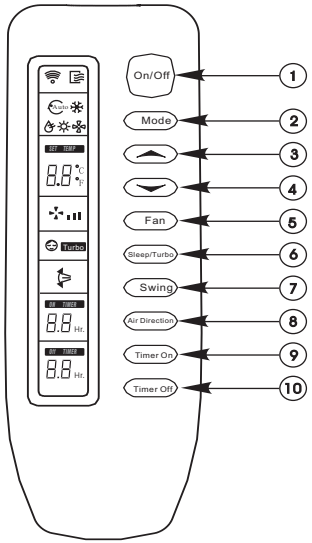


Fig. 1

2. To set the STOPPING time.

2.1 Push the **Timer off** button and the remote controller will show **OFF TIMER**, the last set time for the stopping operation and the signal "Hr" will be shown on the Timer display area. You are now ready to reset the time of the STOP operation.
2.2 Push the **Timer off** button again to set the time you want to stop the operation.
2.3 After setting the Timer off ,there will be a one-half second delay before the remote controller transmits the signal to the air conditioner.

3. Set the starting & stopping time

3.1 Push the **Timer on** button, the remote controller will show **ON TIMER**, the last set time for START operation and the signal "Hr" will be shown on the Timer display area. You are now ready to readjust the **Timer on** to start the operation.
3.2 Push the **Timer on** button again to set the time you want to start the operation.
3.3 Push the **Timer off** button, the remote controller will show **OFF TIMER**, the last set time for STOP operation and the signal "Hr" will be shown on the Timer display area. You are now ready to reset the time to STOP operation.
3.4 Push the **Timer off** button again to set the time you want to stop the operation.
3.5 After setting the TIMER, there will be a one-half second delay before the remote controller transmits the signal to the Air Conditioner.

⚠NOTE

- If the same time is set for both START and STOPPING settings, the stopping time will automatically increase 0.5hr(the set time displays less than 10Hr) or one hour (the set time displays 10Hr or more).
- To change the Timer on/off time, just press the corresponding TIMER button and reset the time.
- The setting time is relative time. That is the time set is based on the delay of the current time.

COOL , HEAT, and FAN ONLY Operation

1. If the AUTO mode is not comfortable , you may manually override the settings by using COOL, DRY, HEAT(HEAT PUMP units only), or FAN ONLY modes.
2. Push the ▲ or ▼button to set the desired room temperature. When in COOLING mode, the most comfortable settings are 21℃ or above. When in HEATING mode, the most comfortable settings are 28℃ or below.
3. Push the **Fan** button to select the FAN mode of AUTO, HIGH, MED or LOW.
4. Push the **On/off** button. The operation lamp lights and the air conditioner starts to operate per your settings. Push the **On/off** button again to stop this unit operation.

▲ NOTE

The FAN ONLY mode cannot be used to control the temperature. While in this mode, only steps 1、3 and 4 may be performed.

DRY OPERATION

1. Push the **Mode** button to select DRY.
2. Push the▲ or ▼ button to set the desired temperature from 21℃ to 28℃.
3. Push the **On/off** button. The operation lamp lights and the air conditioner starts to operate in the DRY mode. Push the **On/off** button again to stop this unit operation.

⚠ NOTE

Due to the difference of the set temperature of the unit and the actual indoor temperature, the Air Conditioner when in DRY mode will automatically operate many times without running the COOL and FAN mode.

TIMER OPERATION

Push Timer on/off button to set the on and off times of the unit. The effective operation time set by the remote controller for the timer function is limited to a period of between 0.5 and less than 24 hours.

1. To set the STARTING time.

1.1 Push the **Timer on** button, then the remote controller shows **ON TIMER** , the last set time for the starting operation and the signal "**Hr**" will be shown on the Timer display area. You are now ready to reset the time to START the operation.

1.2 Push the **Timer on** button again to set desired unit start time.

1.3 After setting the **Timer on** ,there will be a one-half second delay before the remote controller transmits the signal to the air conditioner.

① **On/off Button:** Push this button to start the unit operation. Push the button again to stop the unit operation.

② **Mode Button:** Each time you press the button, a mode is selected in a sequence that goes from AUTO、COOL、DRY、HEAT and FAN only as the following figure indicates:

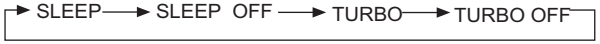
⚠ **NOTE:** *HEAT only for Heat Pump*

③ ▲ **Button :** Push the button to increase the indoor temperature setting to 30℃.

④ ▼ **Button :** Push the button to decrease the indoor temperature setting to 17℃.

⑤ **Fan Button:** This button is used for selecting Fan Speed. Each time you press the button, a fan speed is selected in a sequence that goes from AUTO、LOW 、MED to HIGH, then back to Auto. When you select the AUTO or DRY mode, the fan speed will be automatically controlled and you can not set the fan speed.

⑥ **Sleep/Turbo Button:** Press this button to select SLEEP or TURBO mode. Each time you press the button, the operation mode is shifted in the direction of the arrow. When the operation mode is either DRY or FAN only, this function can not be used.



⑦ **Swing Button:** Press the SWING button to activate the swing feature. Push the button again to stop.

⑧ **Air direction Button:** Press this button to change the swing angle of the louver. The swing angle of the louver is 6°C for each press. When the louver swing at a certain angle which would affect the cooling and heating effect of the air conditioner, it would automatically change the swing direction . No symbol will appear in the display area when press this button.

⑨ **Timer on Button:** Press this button to initiate the auto-on time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 10Hr, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, continue pressing the button until nothing displays.

⑩ **Timer off Button:** Press this button to initiate the auto-off time sequence. Each press will increase the auto-timed setting in 30 minutes increments. When the setting time displays 10Hr, each press will increase the auto-timed setting 60 minutes increments. To cancel the auto-timed program, continue pressing the button until nothing displays.

Names and Functions of indicators on Remote Controller

Display Panel

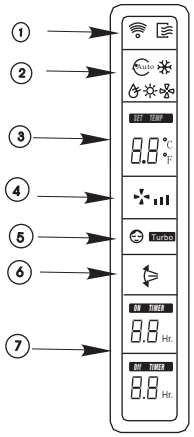


Fig. 2

① **TRANSMISSION Indicator:**
This indicator lights when remote controller transmits signals to indoor unit.

② **MODE indicator:**
Displays the current operation modes.
Including AUTO( ), COOL( ), DRY( ) , HEAT( ) or FAN( ).
HEAT only available for heat pump model.

③ **TEMPERATURE indicator:**
Displays the temperature settings(17℃ to 30℃).

④ **FAN SPEED indicator:**
Displays the selected fan speed, AUTO( ) and three fan speed levels LOW( ), MED( ), HIGH( ). Displays (flashing) when the operating mode is either AUTO or DRY.

⑤ **SLEEP/TURBO indicator:**
Each time the Sleep/Turbo button is pushed, the signal displays in the following sequence:

→ → Nothing → Turbo → Nothing

Nothing appears when the operating mode is either DRY or FAN only

⑥ **SWING indicator:**
This indicator lights up when the SWING button is pressed.

⑦ **TIMER indicator:**
The time set for timer operation is indicated.
(0.5 ~ 24 hours)

⚠ **NOTE:** *All items are shown in the Fig.2 for the purpose of clear presentation But during the actual operation only the relative functional items are shown on the display panel.*

Operating the Remote Controller

Install / Replace Batteries

Use two alkaline dry batteries (R03/LR03X2).
Do not use rechargeable batteries.
(1) Remove the battery cover by pulling it according to the arrow direction.
(2) Insert new batteries making sure that the (+) and (-) of battery are installed correctly.
(3) Reattach the cover by sliding it back into position.

⚠ NOTE

1. *When replacing batteries, do not use old batteries or a different type battery. This may cause the remote controller to malfunction.*
2. *If you do not use the remote controller for several weeks remove the batteries. Otherwise battery leakage may damage the remote controller.*
3. *The average battery life under normal use is about 6 months.*
4. *Replace the batteries when there is no answering beep from the indoor unit or if the Transmission Indicator light fails to appear.*

AUTOMATIC OPERATION

When the Air Conditioner is ready for use, switch on the power and the OPERATION indicator lamp on the display panel of the indoor unit starts flashing.

1. Use the **Mode** select button to select AUTO.
2. Push the ▲ or ▼ button to set the desired room temperature. The most comfortable temperature settings are between 21℃ to 28℃.
3. Push the **On/off** button to start the air conditioner. The OPERATION lamp on the display panel of the indoor unit lights. The operating mode is AUTO. The FAN SPEED is automatically controlled.
4. Push the **On/off** button again to stop the unit operation.

⚠ NOTE

1. *In the AUTO mode, the air conditioner can logically choose the mode of COOL, FAN, HEAT and DRY by sensing the difference between the actual ambient room temperature and the set temperature on the remote controller.*
2. *If the AUTO mode is not comfortable for you , the desired mode can be selected manually.*